

Network Polymers NPP 25-0414

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Description: Copolymer Polypropylene Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-25-0414.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.5 MPa	3120 psi	2 in per min; ASTM D638
Elongation at Yield	15 %	15 %	chs 2 in/min; ASTM D638
Flexural Modulus	0.965 GPa	140 ksi	Test Method I, Procedure B (chs speed 0.05 in/min), 1% Tangent; ASTM D790
Izod Impact, Notched	7.05 J/cm	13.2 ft-lb/in	Test Method A (0.125 in bar); ASTM D256
Gardner Impact	30.4 J @Temperature -22.0 °C	22.4 ft-lb @Temperature -7.60 °F	Gardner

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